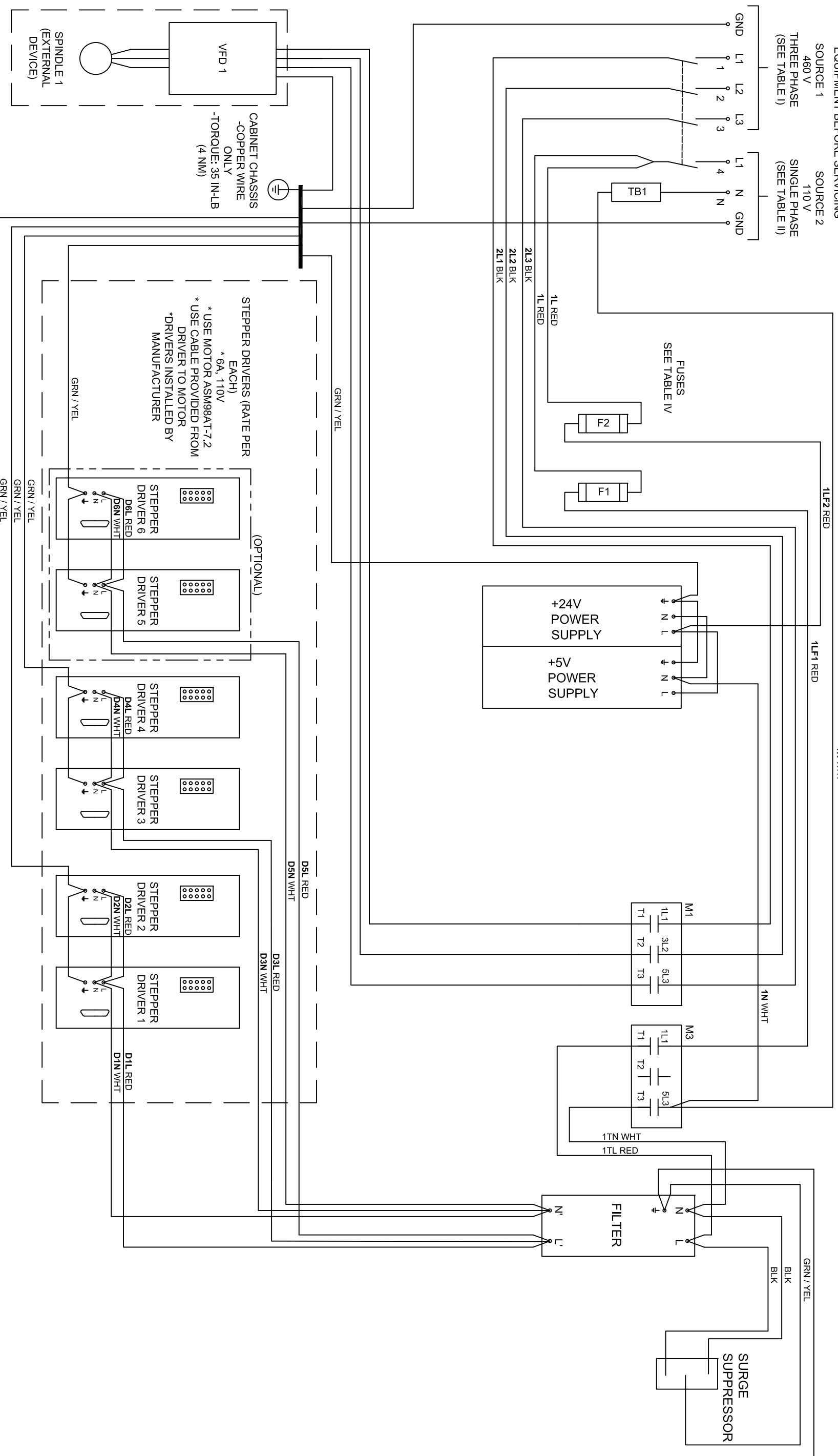


\*CAUTION-RISK OF ELECTRIC SHOCK\*  
 \*MORE THAN ONE DISCONNECT SWITCH MAY  
 BE REQUIRED TO DE-ENERGIZE THE  
 EQUIPMENT BEFORE SERVICING



ALL WIRING, CONDUCTOR SIZE AND CONDUCTOR TYPE DEVIATIONS MUST BE APPROVED BY SHOPBOT TOOLS  
 \*CONTACT SHOPBOT TOOLS FOR OPTIONAL WIRING INFORMATION

TABLE I

INPUT SOURCE 1- 460V 3 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED BRANCH PROTECTION (INVERSE TIME CIRCUIT BREAKER)(PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
0 3 HP COLUMBO	8.2 A	8.2 A	15 A	DISCONNECT	12	12	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 5 HP COLUMBO	8.2 A	8.2 A	15 A	DISCONNECT	12	12	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)
0 5 HP HSD W/ATC	8.2 A	8.2 A	15 A	DISCONNECT	12	12	75°C USE COPPER CONDUCTORS ONLY	31 IN-LBS (3.5 NM)

TABLE III

OUTPUT LOAD- 460V 3 PHASE 60HZ

SPINDLE 1 (FILL IN CIRCLE NEXT TO THE SPINDLE SHIPPED)	VFD	LOAD	FIELD WIRING TERMINALS	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
0 3 HP COLUMBO	CIMR-VJ4A0009GAA	8.2 A	CONTRACTOR M1- T1, T2, T3	12	12	75°C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
0 5 HP COLUMBO	CIMR-VJ4A0009GAA	8.2 A	CONTRACTOR M1- T1, T2, T3	12	12	75°C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)
0 5 HP HSD W/ATC	CIMR-VJ4A0009GAA	8.2 A	CONTRACTOR M1- T1, T2, T3	12	12	75°C USE COPPER CONDUCTORS ONLY	14 IN-LBS (1.6 NM)

\*CAUTION-RISK OF ELECTRIC SHOCK\*  
 \*MORE THAN ONE DISCONNECT SWITCH MAY  
 BE REQUIRED TO DE-ENERGIZE THE  
 EQUIPMENT BEFORE SERVICING

TABLE II

INPUT SOURCE 2- 110V 1 PHASE 60HZ

TOTAL FULL LOAD	LARGEST MOTOR LOAD	RECOMMENDED FEEDER PROTECTION (INVERSE TIME CIRCUIT BREAKER) (PROVIDED BY ELECTRICIAN)	FIELD WIRING TERMINAL	WIRE SIZE (AWG) *	SO CORD *	WIRE TYPE *	SCREW TORQUE
14 A	6 A	15 A	DISCONNECT 4- TERMINAL BLOCK N- NEUTRAL	12	12	75°C USE COPPER CONDUCTORS ONLY	16 IN-LBS (1.8 NM)

TABLE IV

FUSE NO. RATING

F1	20A CLASS CC-600V (LITTLE FUSE CCMR20A)
F2	3A CLASS CC-600V (LITTLE FUSE CCMR3A)

DIM UNITS: MM/ SCALE: NONE

**ShopBot**  
 Durham, North Carolina

**POWER DIAGRAM 10220-01**

TITLE	DATE	CHECKED	DATE	APPROVED	DATE
POWER DIAGRAM 10220-01	11/11/10	SBJ	11/11/10	GAB	11/11/10

REV	CHG NOTICE	DATE	BY	REVISION DESCRIPTION	APVD
3	EC08313	07MAR13	KWP	MODIFIED REQUIRED WIRE TYPE	-